APPENDIX

Curriculum vitae and list of publications

Curriculum vitae

Hataitip Tasena was born on 23 April 1989 in Chiang Rai, the northernmost province of Thailand. In 2007, she started her undergraduate study in Biology at Chiang Mai University with a full scholarship from the Royal Thai government. In 2011, she went to University of Wyoming, USA, for a 5-month exchange study fully sponsored by the US Department of State. She then received another Royal Thai government scholarship to complete her master's study in Molecular Medicine at University of Sheffield, UK. In 2015, she came to Groningen to start her PhD research on molecular mechanisms related to chronic mucus hypersecretion in respiratory diseases, which was part of the U4 Ageing lung consortium involving four universities in Europe (Ghent university, Uppsala university, University of Gottingen, and University of Groningen). During her PhD, she also visited Ghent University Hospital for research collaboration, supervised two master's theses, coached undergraduate assignments, presented her work at national and international conferences in respiratory fields, coordinated journal clubs for PhD students in GRIAC research institute, as well as volunteered to organize the PhD Day (a career conference sponsored by University of Groningen and opened to PhD students from all disciplines). Throughout her four years in Groningen, Hataitip had demonstrated that her passions lie not only in molecular medicine research, but also in education, public communication, and community services.

Grants and awards

2017 **ERS Young Scientist Sponsorship [€600]**
a travel grant for attending the ERS Congress, Italy

2016 **Dutch Asthma Foundation Research Grant [€24,500]**
a grant for asthma and COPD research in the Netherlands

2016 **De Cock Foundation Research Grant [€4,500]**
a grant for medical research lead by young scientists in Groningen

2015 **Short-Term Scientific Mission [€1,540]**
a grant from the European Cooperation in Science and Technology for a 10-day visit at the Laboratory for Translational Research of Obstructive Pulmonary Diseases, Department of Respiratory Medicine, Ghent University Hospital, Belgium

2015 **Young Investigator Symposium Best Presentation Award [€500]**
a prize offered by Netherlands Respiratory Society (NRS) for the best pitch talk

List of publications

- van den Berge M, Tasena H. Role of microRNAs and exosomes in asthma. Curr Opin Pulm Med. 2019;25(1):87-93.
- Tasena H, Faiz A, Timens W, Noordhoek J, Hylkema MN, Gosens R, Hiemstra PS, Spira A, Postma DS, van den Berge M, Heijink IH, Brandsma CA. MicroRNA-mRNA regulatory networks underlying chronic mucus hypersecretion in COPD. Eur Respir J. 2018;52:1701556.
- Faiz A, Weckmann M, Tasena H, Vermeulen CJ, van den Berge M, ten Hacken NHT, Halayko AJ, Ward JPT, Lee TH, Tjin G, Black JL, Xu CJ, King GG, Farah C, Oliver BG, Heijink IH, Burgess JK. Profiling of healthy and asthmatic airway smooth muscle cells following IL-1β treatment: a novel role for CCL20 in chronic mucus hyper-secretion. Eur Respir J. 2018;52:1800310.
- Osei ET, Florez-Sampedro L, Tasena H, Faiz A, Noordhoek JA, Timens W, Postma DS, Hackett TL, Heijink IH, Brandsma CA. miR-146a-5p plays an essential role in the aberrant epithelial-fibroblast cross-talk in COPD. Eur Respir J. 2017;49(5):1602538.
- Lambert DW, Tasena H, Speight PM. "MicroRNA: Utility as Biomarkers and Therapeutic Targets in Squamous Cell Carcinoma". In: Warnakulasuriya S., Khan Z. (eds) Squamous cell Carcinoma. Dordrecht: Springer, 2017. 205-215. Print.
- Kabir TD, Leigh RJ, Tasena H, Mellone M, Coletta RD, Parkinson EK, Prime SS, Thomas GJ, Paterson IC, Zhou D, McCall J, Speight PM, Lambert DW. A miR-335/COX-2/PTEN axis regulates the secretory phenotype of senescent cancer-associated fibroblasts. Ageing. 2016;8(8):1608-1635.

Submitted manuscripts

- Tasena H, Boudewijn IM, Faiz A, Timens W, Hylkema MN, Berg M, Heijink IH, Brandsma CA, van den Berge M. miR-31-5p: a shared regulator of chronic mucus hypersecretion in both asthma and COPD.
- Tasena H, Faiz A, Timens W, Hylkema MN, Gosens R, van den Berge M, Heijink IH, Brandsma CA. Influence of fibroblast-epithelial cell crosstalk on epithelial mucociliary differentiation.
- Wildung M, Herr C, Riedel D, Cors M, Tasena H, Alevra M, Wiedwald C, Movsisyan N, Schuldt M, Volceanov L, Provoost S, Menchen T, Urrego D, Freytag B, Wallmeier J, Bals R, Beisswenger C, Maes T, van den Berge M, Brandsma CA, Heijink IH, Pardo L, Lizè M. miR449 protects multiciliated bronchial epithelial regeneration by repressing the ciliary disassembly pathway.